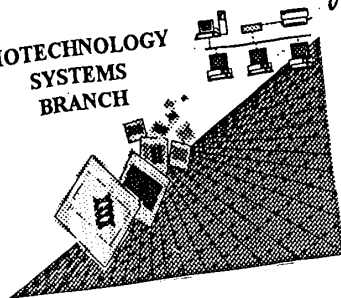0280
0700
0420 / 0590

BIOTECHNOLOGY
SYSTEMS
BRANCH

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/029,345
Source: OIPE
Date Processed by STIC: 1/15/2002

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PATENTIN 2.1 e-mail help: **patin21help@uspto.gov** or phone 703-306-4119 (R. Wax)
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OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/029,345

DATE: 01/15/2002
TIME: 08:07:08

pp. 2-5

Input Set : A:\D0072.NP.ST25.txt
Output Set: N:\CRF3\01152002\J029345.raw

Does Not Comply
Corrected Diskette Needed

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 3  <110> APPLICANT: Bristol-Myers Squibb Company
 5  <120> TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING NOVEL HUMAN PHOSPHATASES
 7  <130> FILE REFERENCE: D0072.NP
C-->  9  <140> CURRENT APPLICATION NUMBER: US/10/029,345
C-->  9  <141> CURRENT FILING DATE: 2001-12-20
 9  <150> PRIOR APPLICATION NUMBER: US 60/256,868
10  <151> PRIOR FILING DATE: 2000-12-20
12  <150> PRIOR APPLICATION NUMBER: US 60/280,186
13  <151> PRIOR FILING DATE: 2001-03-30
15  <150> PRIOR APPLICATION NUMBER: US 60/287,735
16  <151> PRIOR FILING DATE: 2001-05-01
18  <150> PRIOR APPLICATION NUMBER: US 60/295,848
19  <151> PRIOR FILING DATE: 2001-06-05
21  <150> PRIOR APPLICATION NUMBER: US 60/300,465
22  <151> PRIOR FILING DATE: 2001-06-25
24  <160> NUMBER OF SEQ ID NOS: 208
26  <170> SOFTWARE: PatentIn version 3.0
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29  <211> LENGTH: 144
30  <212> TYPE: DNA
31  <213> ORGANISM: HOMO SAPIENS
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36  ctagatatgg tgaaggtgat gacatttgcc ttacaggaag gaaaagtagc tatccattgt     120
38  catgcagggc ttggtcgaac aggt                                           144
41  <210> SEQ ID NO: 2
42  <211> LENGTH: 48
43  <212> TYPE: PRT
44  <213> ORGANISM: HOMO SAPIENS
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49  1               5                   10                  15
51  Leu Thr Thr Ile Leu Asp Met Val Lys Val Met Thr Phe Ala Leu Gln
52              20                  25                  30
54  Glu Gly Lys Val Ala Ile His Cys His Ala Gly Leu Gly Arg Thr Gly
55          35                  40                  45
57  <210> SEQ ID NO: 3
58  <211> LENGTH: 33
59  <212> TYPE: DNA
60  <213> ORGANISM: HOMO SAPIENS
62  <400> SEQUENCE: 3
63  gatgtcttct gggccctcct gtggaacaca gtt                                 33
66  <210> SEQ ID NO: 4
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68  <212> TYPE: PRT
69  <213> ORGANISM: HOMO SAPIENS
71  <400> SEQUENCE: 4
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74 1              5                 10
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77 <211> LENGTH: 746
78 <212> TYPE: DNA
79 <213> ORGANISM: HOMO SAPIENS
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86 gttcctgttg gacctgggcg tgcggcacct ggtgtccctg acggagcgcg ggccccctca    180
88 cagcgacagc tgccccggcc tcaccctgca ccgcctgcgc atccccgact tctgcccgcc    240
90 ggcccccgac cagatcgacc gcttcgtgca gatcgtggac gaggccaacg cacggggaga    300
92 ggctgtggga gtgcactgtg ctctgggctt tggccgcact ggcaccatgc tggcctgtta    360
94 cctggtgaag gagcggggct tggctgcagg agatgccatt gctgaaatcc gacgactacg    420
96 acccggcccc atcgagacct atgagcagga gaaagcagtc ttccagttct accagcgaac    480
98 gaaataaggg gccttagtac ccttctacca ggccctcact cccccttcccc atgttgtcga    540
100 tggggccaga gatgaaggga agtggactaa agtattaaac cctctagctc ccattggctg   600
102 aagacactga agtagcccac ccctgcaggc aggtcctgat tgaaggggag gcttgtactg   660
104 ctttgttgaa taaatgagtt ttacgaacca gggaaaaaaa aaaaaaaaa aaagaaaaaa   720
106 aaaaaaaaaa aaaaaaaaaa aaagaa                                       746
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112 <213> ORGANISM: HOMO SAPIENS
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116 <222> LOCATION: (160)..(160)
117 <223> OTHER INFORMATION: wherein 'Xaa' is any amino acid.
120 <220> FEATURE:
121 <221> NAME/KEY: VARIANT
122 <222> LOCATION: (200)..(200)
123 <223> OTHER INFORMATION: wherein 'Xaa' is any amino acid.
126 <220> FEATURE:
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129 <223> OTHER INFORMATION: wherein 'Xaa' is any amino acid.
132 <220> FEATURE:
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134 <222> LOCATION: (214)..(214)
135 <223> OTHER INFORMATION: wherein 'Xaa' is any amino acid.
138 <220> FEATURE:
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141 <223> OTHER INFORMATION: wherein 'Xaa' is any amino acid.
144 <400> SEQUENCE: 6
146 Trp Pro Gly Arg Arg Arg Gly Gln Val Gly Ala Met Gly Val Gln Pro
147 1              5                 10                  15
149 Pro Asn Phe Ser Trp Val Leu Pro Gly Arg Leu Ala Gly Leu Ala Leu
150                20                25                  30
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Handwritten annotations: (162)..(162) see next page; (203)..(203); (224)..(224)

RAW SEQUENCE LISTING   DATE: 01/15/2002
PATENT APPLICATION: US/10/029,345   TIME: 08:07:08

Input Set : A:\D0072.NP.ST25.txt
Output Set: N:\CRF3\01152002\J029345.raw

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      153         35              40              45
      155 His Leu Val Ser Leu Thr Glu Arg Gly Pro Pro His Ser Asp Ser Cys
      156         50              55              60
      158 Pro Gly Leu Thr Leu His Arg Leu Arg Ile Pro Asp Phe Cys Pro Pro
      159 65              70              75              80
      161 Ala Pro Asp Gln Ile Asp Arg Phe Val Gln Ile Val Asp Glu Ala Asn
      162             85              90              95
      164 Ala Arg Gly Glu Ala Val Gly Val His Cys Ala Leu Gly Phe Gly Arg
      165             100             105             110
      167 Thr Gly Thr Met Leu Ala Cys Tyr Leu Val Lys Glu Arg Gly Leu Ala
      168             115             120             125
      170 Ala Gly Asp Ala Ile Ala Glu Ile Arg Arg Leu Arg Pro Gly Pro Ile
      171         130             135             140
      173 Glu Thr Tyr Glu Gln Glu Lys Ala Val Phe Gln Phe Tyr Gln Arg Thr
      174 145         150             155             160
W-->  176 Lys Xaa Gly Ala Leu Val Pro Phe Tyr Gln Ala Leu Thr Pro Leu Pro
      177             165             170             175
      179 His Val Val Asp Gly Ala Arg Asp Glu Gly Lys Trp Thr Lys Val Leu
      180             180             185             190
W-->  182 Asn Pro Leu Ala Pro Ile Gly Xaa Arg His Xaa Ser Ser Pro Pro Leu
      183         195             200             205
W-->  185 Gln Ala Gly Pro Asp Xaa Arg Gly Gly Leu Tyr Cys Phe Val Glu Xaa
      186         210             215             220
      188 Met Ser Phe Thr Asn Gln Gly Lys Lys Lys Lys Lys Lys Arg Lys Lys
      189 225             230             235             240
      191 Lys Lys Lys Lys Lys Lys Lys Arg
      192             245
      194 <210> SEQ ID NO: 7
      195 <211> LENGTH: 511
      196 <212> TYPE: DNA
      197 <213> ORGANISM: HOMO SAPIENS
      199 <400> SEQUENCE: 7
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      202 attacacaca acccaaccaa tacctacttt aatagattct tacaggaact taagcaggat       120
      204 ggagttacca ccatagtaag agtatgaaaa gcaacttaca acattgctct tttagagaag       180
      206 ggaagcatcc aggttccgga ctggcctttt gatgatggta cagcaccatc cagccagata       240
      208 attgataact ggttaaaact tatgaaaaat aaatttcatg aagatcctgg ttgttgtatt       300
      210 gcaattcact gtgttgtagg ttttgggtga gctccagttg ctagttgccc tagctttaat       360
      212 tgaaggtgga atgaaatatg aaaatgtagt acagttcatc agataaaagt gacatggaac       420
      214 tttttaacagc aaacaacttt tgtatttgga gaaatattgt cttaaaatat gcttgcacct      480
      216 cagaaatccc agaaataact gtttccttca g                                      511
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      220 <211> LENGTH: 170
      221 <212> TYPE: PRT
      222 <213> ORGANISM: HOMO SAPIENS
      224 <220> FEATURE:
      225 <221> NAME/KEY: Variant
      226 <222> LOCATION: (49)..(49)
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RAW SEQUENCE LISTING   DATE: 01/15/2002
PATENT APPLICATION: US/10/029,345   TIME: 08:07:08

Input Set : A:\D0072.NP.ST25.txt
Output Set: N:\CRF3\01152002\J029345.raw

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227 <223> OTHER INFORMATION: wherein 'Xaa' is any amino acid.
230 <220> FEATURE:
231 <221> NAME/KEY: Variant
232 <222> LOCATION: (110)..(110)
233 <223> OTHER INFORMATION: wherein 'Xaa' is any amino acid.
236 <220> FEATURE:
237 <221> NAME/KEY: Variant
238 <222> LOCATION: (121)..(121)
239 <223> OTHER INFORMATION: wherein 'Xaa' is any amino acid.
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244 <222> LOCATION: (127)..(127)
245 <223> OTHER INFORMATION: wherein 'Xaa' is any amino acid.
248 <220> FEATURE:
249 <221> NAME/KEY: Variant
250 <222> LOCATION: (154)..(154)  (155)..(155) ←
251 <223> OTHER INFORMATION: wherein 'Xaa' is any amino acid.
254 <400> SEQUENCE: 8
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257 1                   5                  10                  15
259 Val Arg Phe Leu Ile Thr His Asn Pro Thr Asn Thr Tyr Phe Asn Arg
260             20                  25                  30
262 Phe Leu Gln Glu Leu Lys Gln Asp Gly Val Thr Thr Ile Val Arg Val
263             35                  40                  45
265 Xaa Lys Ala Thr Tyr Asn Ile Ala Leu Leu Glu Lys Gly Ser Ile Gln
266         50                  55                  60
268 Val Pro Asp Trp Pro Phe Asp Asp Gly Thr Ala Pro Ser Ser Gln Ile
269 65                  70                  75                  80
271 Ile Asp Asn Trp Leu Lys Leu Met Lys Asn Lys Phe His Glu Asp Pro
272                 85                  90                  95
274 Gly Cys Cys Ile Ala Ile His Cys Val Val Gly Phe Gly Xaa Ala Pro
275             100                 105                 110
277 Val Ala Ser Cys Pro Ser Phe Asn Xaa Arg Trp Asn Glu Ile Xaa Lys
278             115                 120                 125
280 Cys Ser Thr Val His Gln Ile Lys Val Thr Trp Asn Phe Xaa Gln Gln
281         130                 135                 140
283 Thr Thr Phe Val Phe Gly Glu Ile Leu Ser Xaa Asn Met Leu Ala Pro
284 145                 150                 155                 160
286 Gln Lys Ser Gln Lys Xaa Leu Phe Pro Ser
287                 165                 170
289 <210> SEQ ID NO: 9
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291 <212> TYPE: DNA
292 <213> ORGANISM: HOMO SAPIENS
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299 accaccaaga actgttaacc acatgtgcta ccctatgacc actccagggt caggctgacc   180
301 cagctggagg gagagcctca ttctgactac atcaatgcca acttggtccc aggctacacc   240
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(handwritten annotations in right margin:) → what about Xaa at location 142? → what about Xaa at location 166?

RAW SEQUENCE LISTING   DATE: 01/15/2002
PATENT APPLICATION: US/10/029,345   TIME: 08:07:08

Input Set : A:\D0072.NP.ST25.txt
Output Set: N:\CRF3\01152002\J029345.raw

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307 gggagggtgc tgtgtgaaca ttactggctg accgactcta ccccggacac ccatggtcac      420
309 atcaccatcc acctcctagc tgaggagcct gaggatgagt ggaccaagcg ggaattccag      480
311 ctgcagcacg ttgtccagca acatcaacgg agggtggagc aactgcagtt caccacctga      540
313 tccgaccaca gcatccttga ggctcccagc tccctgctcg cctttatgga gctggtacag      600
315 tagcaggcaa gggccaccca gggcgtggga cccatcctgg tgcactgcag gggctgtccc      660
317 tgcggtgtgg gcatgggccg gacaggcacc ttcgtggccc tgtcgaggct gctgcagcag      720
319 ctggaggagg agcagatggt agacgtgttc catgctgtgt atgcactccg gatgcaccag      780
321 cccctcatga tccagaccct gagccagtac gtcttcctgc acagctgcct actgaacaag      840
323 attctggaag gacccttcaa catctctgag tcttggccca tctctgtgac ggacctcccg      900
325 caggcgtgtg ccaagagggc agccagtgcc aatgctggct tcttgaagga gtacgaggcc      960
327 atcaaggacg aggctggctt ttccgcaccc ccgcctggct atgagcagga cagcccngtc     1020
329 tcctatgacc gttctcaggg gcagttttct ccggtggagg agagccccccc tgacgacatg     1080
331 cctctctgga agccaatgat ctgtgctctg cagggtgggc cctctggccg tgatcatacg     1140
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335 catgtgcttg tctctctttg cccacccaat gtcatggaga aggaattctg gccaacggag     1260
337 atgcagcccg tagtcacaga catggtgacg gtgcactggg tggctgagag cagcacagca     1320
339 ggctggttct gtaccctcct cagggtcaca catggggaga gcaggaagga aagggaggtg     1380
341 cagagactgc aatttccata cctggagcct gggcatgagc tgcccgccac cacccctgctg     1440
343 ccctcctgg ctgctgtggg ccagtgctgc tctcggggca acaacaagaa gccgggcaca     1500
345 ctgctcagcc actccaacaa gggtgcaacc cagctgggca ccttcctggc catggagcag     1560
347 ctgctgcagc aggcagggtc tgagtgcacc gtggatatct ttaacgtggc cctgcagcag     1620
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362 <223> OTHER INFORMATION: wherein 'Xaa' is any amino acid.
365 <220> FEATURE:
366 <221> NAME/KEY: Variant
367 <222> LOCATION: (180)..(180)
368 <223> OTHER INFORMATION: wherein 'Xaa' is any amino acid.
371 <220> FEATURE:
372 <221> NAME/KEY: Variant
373 <222> LOCATION: (201)..(201)
374 <223> OTHER INFORMATION: wherein 'Xaa' is any amino acid.
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382 Phe Leu Lys Phe Glu Glu Leu Lys Glu Val Ser Lys Glu Gln Pro Arg
383             20                  25                  30
385 Leu Glu Ala Glu Tyr Pro Ala Asn Thr Thr Lys Asn Cys Xaa Pro His
386         35                  40                  45
388 Val Leu Pro Tyr Asp His Ser Arg Val Arg Leu Thr Gln Leu Glu Gly
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VERIFICATION SUMMARY
PATENT APPLICATION: US/10/029,345

DATE: 01/15/2002
TIME: 08:07:09

Input Set : **A:\D0072.NP.ST25.txt**
Output Set: **N:\CRF3\01152002\J029345.raw**

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L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
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L:182 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
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